

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 20

9629577.v FPPGDTI₁₀ECGF₂₀PRV₃₀STMA₄₀ SDDT₅₀I₆₀KY₇₀IPKLTAL₈₀ YKEAVML₉₀PHIL₁₀₀T₁₁₀PFK₁₂₀HGA₁₃₀- SNK₁₄₀VQMMFAC₁₅₀ C₁₆₀C₁₇₀H₁₈₀V₁₉₀K₂₀₀M₂₁₀F₂₂₀A₂₃₀S₂₄₀P₂₅₀N₂₆₀I₂₇₀T₂₈₀R₂₉₀S₃₀₀P₃₁₀N₃₂₀I₃₃₀T₃₄₀ S₃₅₀V₃₆₀A₃₇₀D₃₈₀T₃₉₀G₄₀₀E₄₁₀C₄₂₀F₄₃₀G₄₄₀S₄₅₀P₄₆₀N₄₇₀I₄₈₀L₄₉₀T₅₀₀ S₅₁₀V₅₂₀A₅₃₀D₅₄₀T₅₅₀G₅₆₀E₅₇₀C₅₈₀F₅₉₀G₆₀₀S₆₁₀P₆₂₀N₆₃₀I₆₄₀L₆₅₀T₆₆₀ S₆₇₀V₆₈₀A₆₉₀D₇₀₀T₇₁₀G₇₂₀E₇₃₀C₇₄₀F₇₅₀G₇₆₀S₇₇₀P₇₈₀N₇₉₀I₈₀₀L₈₁₀T₈₂₀ S₈₃₀V₈₄₀A₈₅₀D₈₆₀T₈₇₀G₈₈₀E₈₉₀C₉₀₀F₉₁₀G₉₂₀S₉₃₀P₉₄₀N₉₅₀I₉₆₀L₉₇₀T₉₈₀ S₉₉₀V₁₀₀₀A₁₀₁₀D₁₀₂₀T₁₀₃₀G₁₀₄₀E₁₀₅₀C₁₀₆₀F₁₀₇₀G₁₀₈₀S₁₀₉₀P₁₁₀₀N₁₁₁₀I₁₁₂₀L₁₁₃₀T₁₁₄₀ S₁₁₅₀V₁₁₆₀A₁₁₇₀D₁₁₈₀T₁₁₉₀G₁₂₀₀E₁₂₁₀C₁₂₂₀F₁₂₃₀G₁₂₄₀S₁₂₅₀P₁₂₆₀N₁₂₇₀I₁₂₈₀L₁₂₉₀T₁₃₀₀ S₁₃₁₀V₁₃₂₀A₁₃₃₀D₁₃₄₀T₁₃₅₀G₁₃₆₀E₁₃₇₀C₁₃₈₀F₁₃₉₀G₁₄₀₀S₁₄₁₀P₁₄₂₀N₁₄₃₀I₁₄₄₀L₁₄₅₀T₁₄₆₀ S₁₄₇₀V₁₄₈₀A₁₄₉₀D₁₅₀₀T₁₅₁₀G₁₅₂₀E₁₅₃₀C₁₅₄₀F₁₅₅₀G₁₅₆₀S₁₅₇₀P₁₅₈₀N₁₅₉₀I₁₆₀₀L₁₆₁₀T₁₆₂₀ S₁₆₃₀V₁₆₄₀A₁₆₅₀D₁₆₆₀T₁₆₇₀G₁₆₈₀E₁₆₉₀C₁₇₀₀F₁₇₁₀G₁₇₂₀S₁₇₃₀P₁₇₄₀N₁₇₅₀I₁₇₆₀L₁₇₇₀T₁₇₈₀ S₁₇₉₀V₁₈₀₀A₁₈₁₀D₁₈₂₀T₁₈₃₀G₁₈₄₀E₁₈₅₀C₁₈₆₀F₁₈₇₀G₁₈₈₀S₁₈₉₀P₁₉₀₀N₁₉₁₀I₁₉₂₀L₁₉₃₀T₁₉₄₀ S₁₉₅₀V₁₉₆₀A₁₉₇₀D₁₉₈₀T₁₉₉₀G₂₀₀₀E₂₀₁₀C₂₀₂₀F₂₀₃₀G₂₀₄₀S₂₀₅₀P₂₀₆₀N₂₀₇₀I₂₀₈₀L₂₀₉₀T₂₁₀₀ S₂₁₁₀V₂₁₂₀A₂₁₃₀D₂₁₄₀T₂₁₅₀G₂₁₆₀E₂₁₇₀C₂₁₈₀F₂₁₉₀G₂₂₀₀S₂₂₁₀P₂₂₂₀N₂₂₃₀I₂₂₄₀L₂₂₅₀T₂₂₆₀ S₂₂₇₀V₂₂₈₀A₂₂₉₀D₂₃₀₀T₂₃₁₀G₂₃₂₀E₂₃₃₀C₂₃₄₀F₂₃₅₀G₂₃₆₀S₂₃₇₀P₂₃₈₀N₂₃₉₀I₂₄₀₀L₂₄₁₀T₂₄₂₀ S₂₄₃₀V₂₄₄₀A₂₄₅₀D₂₄₆₀T₂₄₇₀G₂₄₈₀E₂₄₉₀C₂₅₀₀F₂₅₁₀G₂₅₂₀S₂₅₃₀P₂₅₄₀N₂₅₅₀I₂₅₆₀L₂₅₇₀T₂₅₈₀ S₂₅₉₀V₂₆₀₀A₂₆₁₀D₂₆₂₀T₂₆₃₀G₂₆₄₀E₂₆₅₀C₂₆₆₀F₂₆₇₀G₂₆₈₀S₂₆₉₀P₂₇₀₀N₂₇₁₀I₂₇₂₀L₂₇₃₀T₂₇₄₀ S₂₇₅₀V₂₇₆₀A₂₇₇₀D₂₇₈₀T₂₇₉₀G₂₈₀₀E₂₈₁₀C₂₈₂₀F₂₈₃₀G₂₈₄₀S₂₈₅₀P₂₈₆₀N₂₈₇₀I₂₈₈₀L₂₈₉₀T₂₉₀₀ S₂₉₁₀V₂₉₂₀A₂₉₃₀D₂₉₄₀T₂₉₅₀G₂₉₆₀E₂₉₇₀C₂₉₈₀F₂₉₉₀G₃₀₀₀S₃₀₁₀P₃₀₂₀N₃₀₃₀I₃₀₄₀L₃₀₅₀T₃₀₆₀ S₃₀₇₀V₃₀₈₀A₃₀₉₀D₃₁₀₀T₃₁₁₀G₃₁₂₀E₃₁₃₀C₃₁₄₀F₃₁₅₀G₃₁₆₀S₃₁₇₀P₃₁₈₀N₃₁₉₀I₃₂₀₀L₃₂₁₀T₃₂₂₀ S₃₂₃₀V₃₂₄₀A₃₂₅₀D₃₂₆₀T₃₂₇₀G₃₂₈₀E₃₂₉₀C₃₃₀₀F₃₃₁₀G₃₃₂₀S₃₃₃₀P₃₃₄₀N₃₃₅₀I₃₃₆₀L₃₃₇₀T₃₃₈₀ S₃₃₉₀V₃₄₀₀A₃₄₁₀D₃₄₂₀T₃₄₃₀G₃₄₄₀E₃₄₅₀C₃₄₆₀F₃₄₇₀G₃₄₈₀S₃₄₉₀P₃₅₀₀N₃₅₁₀I₃₅₂₀L₃₅₃₀T₃₅₄₀ S₃₅₅₀V₃₅₆₀A₃₅₇₀D₃₅₈₀T₃₅₉₀G₃₆₀₀E₃₆₁₀C₃₆₂₀F₃₆₃₀G₃₆₄₀S₃₆₅₀P₃₆₆₀N₃₆₇₀I₃₆₈₀L₃₆₉₀T₃₇₀₀ S₃₇₁₀V₃₇₂₀A₃₇₃₀D₃₇₄₀T₃₇₅₀G₃₇₆₀E₃₇₇₀C₃₇₈₀F₃₇₉₀G₃₈₀₀S₃₈₁₀P₃₈₂₀N₃₈₃₀I₃₈₄₀L₃₈₅₀T₃₈₆₀ S₃₈₇₀V₃₈₈₀A₃₈₉₀D₃₉₀₀T₃₉₁₀G₃₉₂₀E₃₉₃₀C₃₉₄₀F₃₉₅₀G₃₉₆₀S₃₉₇₀P₃₉₈₀N₃₉₉₀I₄₀₀₀L₄₀₁₀T₄₀₂₀ S₄₀₃₀V₄₀₄₀A₄₀₅₀D₄₀₆₀T₄₀₇₀G₄₀₈₀E₄₀₉₀C₄₁₀₀F₄₁₁₀G₄₁₂₀S₄₁₃₀P₄₁₄₀N₄₁₅₀I₄₁₆₀L₄₁₇₀T₄₁₈₀ S₄₁₉₀V₄₂₀₀A₄₂₁₀D₄₂₂₀T₄₂₃₀G₄₂₄₀E₄₂₅₀C₄₂₆₀F₄₂₇₀G₄₂₈₀S₄₂₉₀P₄₃₀₀N₄₃₁₀I₄₃₂₀L₄₃₃₀T₄₃₄₀ S₄₃₅₀V₄₃₆₀A₄₃₇₀D₄₃₈₀T₄₃₉₀G₄₄₀₀E₄₄₁₀C₄₄₂₀F₄₄₃₀G₄₄₄₀S₄₄₅₀P₄₄₆₀N₄₄₇₀I₄₄₈₀L₄₄₉₀T₄₅₀₀ S₄₅₁₀V₄₅₂₀A₄₅₃₀D₄₅₄₀T₄₅₅₀G₄₅₆₀E₄₅₇₀C₄₅₈₀F₄₅₉₀G₄₆₀₀S₄₆₁₀P₄₆₂₀N₄₆₃₀I₄₆₄₀L₄₆₅₀T₄₆₆₀ S₄₆₇₀V₄₆₈₀A₄₆₉₀D₄₇₀₀T₄₇₁₀G₄₇₂₀E₄₇₃₀C₄₇₄₀F₄₇₅₀G₄₇₆₀S₄₇₇₀P₄₇₈₀N₄₇₉₀I₄₈₀₀L₄₈₁₀T₄₈₂₀ S₄₈₃₀V₄₈₄₀A₄₈₅₀D₄₈₆₀T₄₈₇₀G₄₈₈₀E₄₈₉₀C₄₉₀₀F₄₉₁₀G₄₉₂₀S₄₉₃₀P₄₉₄₀N₄₉₅₀I₄₉₆₀L₄₉₇₀T₄₉₈₀ S₄₉₉₀V₅₀₀₀A₅₀₁₀D₅₀₂₀T₅₀₃₀G₅₀₄₀E₅₀₅₀C₅₀₆₀F₅₀₇₀G₅₀₈₀S₅₀₉₀P₅₁₀₀N₅₁₁₀I₅₁₂₀L₅₁₃₀T₅₁₄₀ S₅₁₅₀V₅₁₆₀A₅₁₇₀D₅₁₈₀T₅₁₉₀G₅₂₀₀E₅₂₁₀C₅₂₂₀F₅₂₃₀G₅₂₄₀S₅₂₅₀P₅₂₆₀N₅₂₇₀I₅₂₈₀L₅₂₉₀T₅₃₀₀ S₅₃₁₀V₅₃₂₀A₅₃₃₀D₅₃₄₀T₅₃₅₀G₅₃₆₀E₅₃₇₀C₅₃₈₀F₅₃₉₀G₅₄₀₀S₅₄₁₀P₅₄₂₀N₅₄₃₀I₅₄₄₀L₅₄₅₀T₅₄₆₀ S₅₄₇₀V₅₄₈₀A₅₄₉₀D₅₅₀₀T₅₅₁₀G₅₅₂₀E₅₅₃₀C₅₅₄₀F₅₅₅₀G₅₅₆₀S₅₅₇₀P₅₅₈₀N₅₅₉₀I₅₆₀₀L₅₆₁₀T₅₆₂₀ S₅₆₃₀V₅₆₄₀A₅₆₅₀D₅₆₆₀T₅₆₇₀G₅₆₈₀E₅₆₉₀C₅₇₀₀F₅₇₁₀G₅₇₂₀S₅₇₃₀P₅₇₄₀N₅₇₅₀I₅₇₆₀L₅₇₇₀T₅₇₈₀ S₅₇₉₀V₅₈₀₀A₅₈₁₀D₅₈₂₀T₅₈₃₀G₅₈₄₀E₅₈₅₀C₅₈₆₀F₅₈₇₀G₅₈₈₀S₅₈₉₀P₅₉₀₀N₅₉₁₀I₅₉₂₀L₅₉₃₀T₅₉₄₀ S₅₉₅₀V₅₉₆₀A₅₉₇₀D₅₉₈₀T₅₉₉₀G₆₀₀₀E₆₀₁₀C₆₀₂₀F₆₀₃₀G₆₀₄₀S₆₀₅₀P₆₀₆₀N₆₀₇₀I₆₀₈₀L₆₀₉₀T₆₁₀₀ S₆₁₁₀V₆₁₂₀A₆₁₃₀D₆₁₄₀T₆₁₅₀G₆₁₆₀E₆₁₇₀C₆₁₈₀F₆₁₉₀G₆₂₀₀S₆₂₁₀P₆₂₂₀N₆₂₃₀I₆₂₄₀L₆₂₅₀T₆₂₆₀ S₆₂₇₀V₆₂₈₀A₆₂₉₀D₆₃₀₀T₆₃₁₀G₆₃₂₀E₆₃₃₀C₆₃₄₀F₆₃₅₀G₆₃₆₀S₆₃₇₀P₆₃₈₀N₆₃₉₀I₆₄₀₀L₆₄₁₀T₆₄₂₀ S₆₄₃₀V₆₄₄₀A₆₄₅₀D₆₄₆₀T₆₄₇₀G₆₄₈₀E₆₄₉₀C₆₅₀₀F₆₅₁₀G₆₅₂₀S₆₅₃₀P₆₅₄₀N₆₅₅₀I₆₅₆₀L₆₅₇₀T₆₅₈₀ S₆₅₉₀V₆₆₀₀A₆₆₁₀D₆₆₂₀T₆₆₃₀G₆₆₄₀E₆₆₅₀C₆₆₆₀F₆₆₇₀G₆₆₈₀S₆₆₉₀P₆₇₀₀N₆₇₁₀I₆₇₂₀L₆₇₃₀T₆₇₄₀ S₆₇₅₀V₆₇₆₀A₆₇₇₀D₆₇₈₀T₆₇₉₀G₆₈₀₀E₆₈₁₀C₆₈₂₀F₆₈₃₀G₆₈₄₀S₆₈₅₀P₆₈₆₀N₆₈₇₀I₆₈₈₀L₆₈₉₀T₆₉₀₀ S₆₉₁₀V₆₉₂₀A₆₉₃₀D₆₉₄₀T₆₉₅₀G₆₉₆₀E₆₉₇₀C₆₉₈₀F₆₉₉₀G₇₀₀₀S₇₀₁₀P₇₀₂₀N₇₀₃₀I₇₀₄₀L₇₀₅₀T₇₀₆₀ S₇₀₇₀V₇₀₈₀A₇₀₉₀D₇₁₀₀T₇₁₁₀G₇₁₂₀E₇₁₃₀C₇₁₄₀F₇₁₅₀G₇₁₆₀S₇₁₇₀P₇₁₈₀N₇₁₉₀I₇₂₀₀L₇₂₁₀T₇₂₂₀ S₇₂₃₀V₇₂₄₀A₇₂₅₀D₇₂₆₀T₇₂₇₀G₇₂₈₀E₇₂₉₀C₇₃₀₀F₇₃₁₀G₇₃₂₀S₇₃₃₀P₇₃₄₀N₇₃₅₀I₇₃₆₀L₇₃₇₀T₇₃₈₀ S₇₃₉₀V₇₄₀₀A₇₄₁₀D₇₄₂₀T₇₄₃₀G₇₄₄₀E₇₄₅₀C₇₄₆₀F₇₄₇₀G₇₄₈₀S₇₄₉₀P₇₅₀₀N₇₅₁₀I₇₅₂₀L₇₅₃₀T₇₅₄₀ S₇₅₅₀V₇₅₆₀A₇₅₇₀D₇₅₈₀T₇₅₉₀G₇₆₀₀E₇₆₁₀C₇₆₂₀F₇₆₃₀G₇₆₄₀S₇₆₅₀P₇₆₆₀N₇₆₇₀I₇₆₈₀L₇₆₉₀T₇₇₀₀ S₇₇₁₀V₇₇₂₀A₇₇₃₀D₇₇₄₀T₇₇₅₀G₇₇₆₀E₇₇₇₀C₇₇₈₀F₇₇₉₀G₇₈₀₀S₇₈₁₀P₇₈₂₀N₇₈₃₀I₇₈₄₀L₇₈₅₀T₇₈₆₀ S₇₈₇₀V₇₈₈₀A₇₈₉₀D₇₉₀₀T₇₉₁₀G₇₉₂₀E₇₉₃₀C₇₉₄₀F₇₉₅₀G₇₉₆₀S₇₉₇₀P₇₉₈₀N₇₉₉₀I₈₀₀₀L₈₀₁₀T₈₀₂₀ S₈₀₃₀V₈₀₄₀A₈₀₅₀D₈₀₆₀T₈₀₇₀G₈₀₈₀E₈₀₉₀C₈₁₀₀F₈₁₁₀G₈₁₂₀S₈₁₃₀P₈₁₄₀N₈₁₅₀I₈₁₆₀L₈₁₇₀T₈₁₈₀ S₈₁₉₀V₈₂₀₀A₈₂₁₀D₈₂₂₀T₈₂₃₀G₈₂₄₀E₈₂₅₀C₈₂₆₀F₈₂₇₀G₈₂₈₀S₈₂₉₀P₈₃₀₀N₈₃₁₀I₈₃₂₀L₈₃₃₀T₈₃₄₀ S₈₃₅₀V₈₃₆₀A₈₃₇₀D₈₃₈₀T₈₃₉₀G₈₄₀₀E₈₄₁₀C₈₄₂₀F₈₄₃₀G₈₄₄₀S₈₄₅₀P₈₄₆₀N₈₄₇₀I₈₄₈₀L₈₄₉₀T₈₅₀₀ S₈₅₁₀V₈₅₂₀A₈₅₃₀D₈₅₄₀T₈₅₅₀G₈₅₆₀E₈₅₇₀C₈₅₈₀F₈₅₉₀G₈₆₀₀S₈₆₁₀P₈₆₂₀N₈₆₃₀I₈₆₄₀L₈₆₅₀T₈₆₆₀ S₈₆₇₀V₈₆₈₀A₈₆₉₀D₈₇₀₀T₈₇₁₀G₈₇₂₀E₈₇₃₀C₈₇₄₀F₈₇₅₀G₈₇₆₀S₈₇₇₀P₈₇₈₀N₈₇₉₀I₈₈₀₀L₈₈₁₀T₈₈₂₀ S₈₈₃₀V₈₈₄₀A₈₈₅₀D₈₈₆₀T₈₈₇₀G₈₈₈₀E₈₈₉₀C₈₉₀₀F₈₉₁₀G₈₉₂₀S₈₉₃₀P₈₉₄₀N₈₉₅₀I₈₉₆₀L₈₉₇₀T₈₉₈₀ S₈₉₉₀V₉₀₀₀A₉₀₁₀D₉₀₂₀T₉₀₃₀G₉₀₄₀E₉₀₅₀C₉₀₆₀F₉₀₇₀G₉₀₈₀S₉₀₉₀P₉₁₀₀N₉₁₁₀I₉₁₂₀L₉₁₃₀T₉₁₄₀ S₉₁₅₀V₉₁₆₀A₉₁₇₀D₉₁₈₀T₉₁₉₀G₉₂₀₀E₉₂₁₀C₉₂₂₀F₉₂₃₀G₉₂₄₀S₉₂₅₀P₉₂₆₀N₉₂₇₀I₉₂₈₀L₉₂₉₀T₉₃₀₀ S₉₃₁₀V₉₃₂₀A₉₃₃₀D₉₃₄₀T₉₃₅₀G₉₃₆₀E₉₃₇₀C₉₃₈₀F₉₃₉₀G₉₄₀₀S₉₄₁₀P₉₄₂₀N₉₄₃₀I₉₄₄₀L₉₄₅₀T₉₄₆₀ S₉₄₇₀V₉₄₈₀A₉₄₉₀D₉₅₀₀T₉₅₁₀G₉₅₂₀E₉₅₃₀C₉₅₄₀F₉₅₅₀G₉₅₆₀S₉₅₇₀P₉₅₈₀N₉₅₉₀I₉₆₀₀L₉₆₁₀T₉₆₂₀ S₉₆₃₀V₉₆₄₀A₉₆₅₀D₉₆₆₀T₉₆₇₀G₉₆₈₀E₉₆₉₀C₉₇₀₀F₉₇₁₀G₉₇₂₀S₉₇₃₀P₉₇₄₀N₉₇₅₀I₉₇₆₀L₉₇₇₀T₉₇₈₀ S₉₇₉₀V₉₈₀₀A₉₈₁₀D₉₈₂₀T₉₈₃₀G₉₈₄₀E₉₈₅₀C₉₈₆₀F₉₈₇₀G₉₈₈₀S₉₈₉₀P₉₉₀₀N₉₉₁₀I₉₉₂₀L₉₉₃₀T₉₉₄₀ S₉₉₅₀V₉₉₆₀A₉₉₇₀D₉₉₈₀T₉₉₉₀G₁₀₀₀₀E₁₀₀₁₀C₁₀₀₂₀F₁₀₀₃₀G₁₀₀₄₀S₁₀₀₅₀P₁₀₀₆₀N₁₀₀₇₀I₁₀₀₈₀L₁₀₀₉₀T₁₀₁₀₀ S₁₀₁₁₀V₁₀₁₂₀A₁₀₁₃₀D₁₀₁₄₀T₁₀₁₅₀G₁₀₁₆₀E₁₀₁₇₀C₁₀₁₈₀F₁₀₁₉₀G₁₀₂₀₀S₁₀₂₁₀P₁₀₂₂₀N₁₀₂₃₀I₁₀₂₄₀L₁₀₂₅₀T₁₀₂₆₀ S₁₀₂₇₀V₁₀₂₈₀A₁₀₂₉₀D₁₀₃₀₀T₁₀₃₁₀G₁₀₃₂₀E₁₀₃₃₀C₁₀₃₄₀F₁₀₃₅₀G₁₀₃₆₀S₁₀₃₇₀P₁₀₃₈₀N₁₀₃₉₀I₁₀₄₀₀L₁₀₄₁₀T₁₀₄₂₀ S₁₀₄₃₀V₁₀₄₄₀A₁₀₄₅₀D₁₀₄₆₀T₁₀₄₇₀G₁₀₄₈₀E₁₀₄₉₀C₁₀₅₀₀F₁₀₅₁₀G₁₀₅₂₀S₁₀₅₃₀P₁₀₅₄₀N₁₀₅₅₀I₁₀₅₆₀L₁₀₅₇₀T₁₀₅₈₀ S₁₀₅₉₀V₁₀₆₀₀A₁₀₆₁₀D₁₀₆₂₀T₁₀₆₃₀G₁₀₆₄₀E₁₀₆₅₀C₁₀₆₆₀F₁₀₆₇₀G₁₀₆₈₀S₁₀₆₉₀P₁₀₇₀₀N₁₀₇₁₀I₁₀₇₂₀L₁₀₇₃₀T₁₀₇₄₀ S₁₀₇₅₀V₁₀₇₆₀A₁₀₇₇₀D₁₀₇₈₀T₁₀₇₉₀G₁₀₈₀₀E₁₀₈₁₀C₁₀₈₂₀F₁₀₈₃₀G₁₀₈₄₀S₁₀₈₅₀P₁₀₈₆₀N₁₀₈₇₀I₁₀₈₈₀L₁₀₈₉₀T₁₀₉₀₀ S₁₀₉₁₀V₁₀₉₂₀A₁₀₉₃₀D₁₀₉₄₀T₁₀₉₅₀G₁₀₉₆₀E₁₀₉₇₀C₁₀₉₈₀F₁₀₉₉₀G₁₁₀₀₀S₁₁₀₁₀P₁₁₀₂₀N₁₁₀₃₀I₁₁₀₄₀L₁₁₀₅₀T₁₁₀₆₀ S₁₁₀₇₀V₁₁₀₈₀A₁₁₀₉₀D₁₁₁₀₀T₁₁₁₁₀G₁₁₁₂₀E₁₁₁₃₀C₁₁₁₄₀F₁₁₁₅₀G₁₁₁₆₀S₁₁₁₇₀P<

9629577.v - CAPGMPGEIPIFSKMLGRVNTLYSSC P MFFA KRDIPSTCLFLCYKA IKEKAASISPMWYRTPQBSERLRLDC CLVY SFQCDLLCMAG

15219961.p - QACDGLNLNLDQS P FHYSGVSSFRSDTIRALRFL L - DHLERDMQKSEFLKALSDMWDFDSRVLRYK VLP - LCAELRNVMQ

37520234.b - SDVTIAMPNGFVGTCYDAS SEOLRG - PELDARSDINSLGIVLQMLTC P PDKLTHSFAGYQAH NHEPVPVLPRLAVQGAIPPEVAAWVM - ACLE - KEPARPASMO

21400185.b - GEGDERATTYEGEALMRE - VHERSFYALGHESFLLYA-GYE SNEKYKEPWYDELTE - NYNRERMLMLMKPCPYENV - RDLK - KVDAEALERME

37523586.b - SAPEKIMTVGUTGAVRGP - HgPCVRSVRK P AAFAHRDGSWQTAARELSDPFGGEGER - sealagaNAR-RFAVPCCECLRPTAKAGKSACAD - SENSINQ1hc

14521787.b - DDTLEAQ GVD LHLHRTAMESTHYK LHLHRTAMESTHYSWEEBGFAKV L - T

18976845.b - DDTLEAQ GVD LHLHRTAMESTHYK LHLHRTAMESTHYSWEEBGFAKV L - T

14590359.b - DDTLEAQ GVD LHLHRTAMESTHYK LHLHRTAMESTHYSWEEBGFAKV L - T

31795319.1 - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

31795457.1 - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

31795319.b - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

31795457.b - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

16082760.1 - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

28373008.b - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

10955539.1 - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

32470320.1 - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

28373008.b - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

32470320.b - GEQPKGFTESFKAPELVGN - LGASEKSDPVFLVVSTLHCIEGKNEPIK NQQLRFITsepahvmd NGYIHPGIAKGETAYTRFITDILCVSA - DSRP - DSNEARLHEFP

17536875.w - RSEPIINNSNNHYQSEGDGKYSKEAINGT LSFISDIPSFGCISIIEVGINTHPSGDYIGWEPIRKWEPEELIEP MSDLERLWKVQMMDDKAP TRRP TCSLMKNHVV

15921862.b - RELPHLTSEAYPEQYMA YPSMVMVDBSLCAGSIALTW RSGNDDE I IPTNDI - NSVSKYVNVYLLKLYSSTSSTPKYLLSLVYPD YRKR ps-1974e

73820029.q - DRSLAIEDGDSRMLPENMDK - YEHLKWDIFSLSCAAIYLRTGCP D - SGQFTSREGKI ALLP GCPMFQSLIK

38083945.m - ISPKVKEEGDTRELANEILQEN - YCHLKDADFLGTHAAVAGAELPINGDMWHIRK QNFSEISQELSDDPFGLKHMTIHPAT KER - SAAALARSri

WeelB.h - NEPKVKEEGDSRBLANEILQED - YRHLEKADIFALCITHAAVAGAELPINGAAWHHIRKGNNFPDV P QELISESFSLLKNNMIQDDEQRSSAALARNT VLRP - SLGKVEEP1gg

34858952.m - SSPQVEEGDSRFLANEVLIQEN - YSHLKEKADIFALALTVCAGAEEPLRNGDQWHEIRQ GRLPRIPQVLSQELTELLKWMVHPDP ERRP SAMVLVKHSV

31543956.m - SSPQVEEGDSRFLANEVLIQEN - YSHLKEKADIFALALTVCAGAEEPLRNGDQWHEIRQ GRLPRIPQVLSQELTELLKWMVHPDP ERRP SAMVLVKHSV

Weel1.h - 32407018.y - laevlHYEPRLPRTIVQMNLDYT SDFVLDN - NLTSADMBSLCLGQLOQSYLN P SP1ECNSSLSSAYKRFQSS QGvpesSTNhyLCSRELKELANHVLPRLITRR ATRM - TAKPQSEYEF

6321355.y - eyflPQYDPRVPFMHICLNYTAPELFEN - TLPKNDYQYSLGLLQFLYFLYK KDLFSENSTSEYK EYNNKFESK ISTMSWDNIFSKVPQLRHCIPRLINEDI YSRY EN1DILQDSEYF

19112614.y - RYEFNDYDFGIPSSLQSMDFLAEPEYITH - ETAGEPESVFSCKLISYINFNKNSIIHNLSSYE K -

17511025.w - CXPcPWPWKKLPLCQLPDLBLPENLAPG - YTHLKEKADIFALALTVCAGAEEPLRNGDQWHEIRQ GRLPRIPQVLSQELTELLKWMVHPDP ERRP SAMALVKHSV

24662063.f - sippCPWPNRVSXKMAQ NLDMPMAPETQSTS - VNTIDSLDFSLPESLTLTIFIYA C - KPLMGGSDYSSFRYANDLNQR LVDKLMPLRPLIAQEBTSEMASRDA - TARPA TAQLQIQLkyf

31198211.i - GTPVGNHFFKSRLLCNPGSKWTAPELLEN - T - CHLIXTITY ENIPSPDASSDLYGKCVSTKLS - DQLSRLGSSSLTSIPEEVREHVKILINVTP TVRP - DADQMTKDPFF

1358011.f - HWFPEKeytSLLHVLQALPSLEYTALNLS - VNTIDSLDFSLPESLTLTIFIYA C - KPLMGGSDYSSFRYANDLNQR - NQGPKPLTIVPESLSEVVKMVLNQ - DQLSRLGSSSLTSIPEEVREHVKILINVTP TVRP - DADQMTKDPFF

34864725.m - kfpckEWDPNPLPSLCLPNPEYALPEYILSV - SCETASDMYSLCAGVMAYFVNK GRP1FEWNKQDIYKSFSEQ - L - DQLSRLGSSSLTSIPEEVREHVKILINVTP TVRP - DADQMTKDPFF

35754121.m - kfpckEWDPNPLPSLCLPNPEYALPEYILSV - SCETASDMYSLCAGVMAYFVNK GRP1FEWNKQDIYKSFSEQ - L - DQLSRLGSSSLTSIPEEVREHVKILINVTP TVRP - DADQMTKDPFF

SCYL2.h - SCYL3.h - SQATPEFLRSIQSIRDPA GIPPEEMSP - fTLPPECHGHARDARFEGCLVLESLLT ILINEQ S A - DQLSRLGSSSLTSIPEEVREHVKILINVTP TVRP - DADQMTKDPFF

21104777.q - NEASNPMIQLFQWVYQKPMELKSD - WSiRKPSPWAIDNSWLQGCLLQYLFSG AKLIRTEDLRTNTASIKSLLPDYQ RLESSAPPSSRMNPKLIDNS EFP - NKLVTIQCFME

24651313.f - DGNMPFAKIPVILEVYDSEKNDPS - KLAATKCSVDMWGLCGLVNEAFNG VLIKQSN L - KDLAHPKLSQLYCIEVQASSE SNR2 - NPAFIDITCRK

12963867.m - QGNGGGPSKPGKIPPEQYDPELADSS - SRaVREKWSADMPLRGCLLNEVFSI SLPRAAALR R - NPGKIPKSLVTHYCELVGAN-KVRPN - ARFL ONCRAPGGMFS

SCYL1.h - QGNGGGPSKPGKIPPEQYDPELADSS - GRVREKWSADMPLRGCLLNEVFSI SLPRAAALR - FGKIPKSLVTHYCELVGAN-KVRPN - ARFL ONCRAPGGMFS

32412001.y - PEDNPAFDSYYFDTSRRTCYIAPERFVDG - qdpdPNAKIVAMDFVSEACCVIAELFLE TPLFDISQSLQYKRR EYDEDSISH LRI - DKLDRKELIAHMICVD QKRY - SAEDMLFWK

39975947.y - PEDNPAFDSYYFDTSRRTCYIAPERFVDA - DALMSPKVNMADIFSCACCVIAELFLE APIFSPOLYNNRSCYKDYEAISH LSHI - DKLDRKELIAHMICVD QKRY - SAEDMLFWK

19112080.y - PEDNPAFDSYYFDTSRRTCYIAPERFVDA - SQ1qPAFLSAMDPLRGCLVFAELLIE SPOLYNNRSCYKDYEAISH D1QSVLKEIDKSTQNMHLSMDRD - SQRQ - SADAMQKYRG

31203055.i - PEDNPAFDSYYFDTSRRTCYIAPERFVRT dgcycacoll ENDIPSACCALLELWIEGTAPPEIS QOLLAYRGRGEVDLVRKHL DGIENERDRILVEMSLSPD - RDRK - SAELMDCERG

24645278.F - PEDNPAFDSYYFDTSRRTCYIAPERFVKT - aspargYLFLAMIFSCACCALLELWIEGTAPPEIS QOLLAYRGRGEVDLVRKHL D1QSVLKEIDKSTQNMHLSMDRD - SQRQ - SADAMQKYRG

17537975.w - THDNSSSTFFFDTSRRTCYIAPERFISA - gdwlfGSLI KMDMPSACCVIPELICL DPPTYSSLCEYRSMADAGNML AGIENERDRILVEMSLSPD - RDRK - SAELMDCERG

38090053.m - PEDNPAFDSYYFDTSRRTCYIAPERFVDG - smgrarSELKRAMDIFSACCVIAELFTEGVPLPDISQOLLAYRGNH - lrl1QDYPAPYRPLLRLNLRD - SFRI - SANAVLTGAAL

34865860.m - PEDNPAFDSYYFDTSRRTCYIAPERFVDG - smgrtrSELKRAMDIFSACCVIAELFTEGVPLPDISQOLLAYRGNH FFPPEQV1NKTIEDRSIRDVLTMQMINREP EKRL - PAEDMLKQORG

PIK3R4.h - PEDNPAFDSYYFDTSRRTCYIAPERFVDG - smgrtrSELKRAMDIFSACCVIAELFTEGVPLPDISQOLLAYRGNH FFPPEQV1NKTIEDRSIRDVLTMQMINREP EKRL - PAEDMLKQORG

6319573.y - PEDNPAFDSYYFDTSRRTCYIAPERFNSK - DgkknNCR1LNEIDFISLCVIAEIFAE GRP1FNSQSLFKYKSNSYDVNRREF RMEeINSTDLRNLVIDM1Q1DP - SKRL - SCD8LNLKYRG

31044416.m - LNWLPSQTPLHILPFLAPLNL - SEVTSRCLDWKTTLIVLKGPN - C1KFLWHLCKNGLYFGN QPKKKFYD IQIYISLNCKSCKDILFLKSSKSAQCN - FK - PFLRNLKNSLGV

RASVNAMVGGLSLSPELTGK - FPPSSADLIVYQGCLFLWLSVQQEFETINEG I - PKVQOFQFLDNDVNSLCSLISLYFRSSM - TAEQ - VLNACFCBFL

SgK396.h - RASVNAMMVGDLSLMSPELKMGK - PASGQSDLYVYCCILNLWLSVQQEFETINKDG I - FKVDQFHLDKVKSLLSLICLYRSMTAE - QVLN - AECFLMPKQQS

6322677.y - DEKHVYRNIDPDEN - LSSG N S - HRKRKSLIEQINLKYTTFLP - DDRT - NDFCASENLKY

17508581.w - MPLINQFRKGAGRTEADFPCMVDRG - SWTQADYFQFAATMVAWVAC K YaQLTGASVGDYSLNVNDIKR PDRN - ILIKSFEISW

6321627.y - TLLPQGTFKPNWKADQDCWEMRAGK - PWSREADYCQACVHISMLFG KF1E HQLONGRCKLNPFPKRY - WKEIWIQVIFDILLNSGQ - ASNQ ALPMTKLRV

83553056.q - NLFPSGAFYQDCTRCISFCSCVMEQER - ANWTSYDTCYQCLVIAHMLHG TMSQ1GKTPRDFGYSYMPPTSPFK RYWNVNLWKNLSTLNATS NSGD - AAVLRSRMSF

19075640.y - SLFEEKVKFIADWTDLQDCIEEGR - PWTQDQHDLWKAHLLYTMFLG QYIETV E V - WHRL - DFLLNPLTLE

32405098.y - RQFRPQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG IDTVPQCGTSHSRFGGGPGNDQK INGRRQVLTQCMRKYWQDQI

39969999.y - RAFRPQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT GSIV - DFFEGQGMNPV

31201149.i - KLFPEDAFKKKVITTDGFTCIEMLENR - BWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT ANMPGTGgRKYVQWYQTD1WNSDCFD

17137586.F - KLFPPDQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT DFLN - PGAIKEaedga

31226916.i - NFFEI KRFQKKVWIDTQDFGTCIEMLENR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT LPRYKHHWVTEFVQKLLNIDM1DIMPSPID - DFLR - INEFAKMDse

19920746.F - TLFBDGEKTKFRKVQTDGFTCIEMLENR - SWSHENDFGCIAATVHVMFLG DYMOKKGSSWE IROKLPYRLKHHWVTKFQFGLLNQADKL - PALH - PMRLFEESEAY

34858678.m - KLFPPDQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT PEGFLFRLBLDMWEEFFHIMLNIDC1 - NPLS - LFLRQKLNQKK

30840982.m - KLFPPDQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT PEGFLFRLBLDMWEEFFHIMLNIDC1 - NPLS - LFLRQKLNQKK

BUB1.h - KLFPPDQFVQDADWPKTQADCAEMREGR - PWTQDQHDLWKAHLLYTMFLG KTYMVKVSIIVNSIKT KPEGFLFRLPHLDWNEFFHIMLNIDC1HLL - PSLD - LLRQKLNQKK

19114088.y - YSQCIIISYNEFNDPENFGV - DDYOPDIPYRLMSRVKGRWAQFPLTHLWMLHYLHQHLL - KTNPRYQFTDNEFIRTL1LNRLRCRTM - PNLQ - QLRLTOLKCALA

17505442.w - SKGATVWDLENDPA - IFFGQDOPFVEYRMRKNC KKN1SSPLTEETBLRMSLKR - KFLR - IDPFLKTCMFOQQ

Haspin.h - ERDGVVFCDISAEEEDLFTG - EGDYOPDIPYRLMREKENKNCWVYCEHPLNWLWMLHYLTDKLLNKM KFK - KCOSAAMKQIRNLQHFBHTVL - SFSS - ATDLCbhs1f

1756563.w - DYTLLRERDGVVFCDISAEEEDLFTG - DGDYOPDIPYRLMREKENKNCWVYCEHPLNWLWMLHYLTDKLLNKM PHEMADLVCVAVLSCSLHOF M - KPKD1eaP KMMKMKKFAKNNKK TFK - KCNTPAKQ1QIRNLQHFBHTVL - SATD - LLCbhs1f

17567565.w - CNRTPPPAFLDRCMHLIHTPAKATC - PHMSEAEDIMOVAVLSCLLRQ YAPK1DDD - EFKMTTRKX - YLGNQDQLKPIKMLV - QKHG - VEPDMLIAHLDLQQLM

17567277.w - CNRTPPPAFLDRCMHLIHTPAKATC - PHMSEAEDIMOVAVLSCLLRQ YAPK1DDD - EFKMTTRKX - KKFLGEHQLQKFAEAKP - QKHG - KEPVNEKMDLQFQEM

17551366.w - RALADDDPMLPFRGHTHEPALLECL - KADAVDLOLMLAIMLNCWA YHPEPQIG QESSRKAEOF I - TNFVKVZKGRPFRLPDMTAIMA - OPRG - TRPQNAQHAAAGPF

17568687.w - PRDLVDCALNCTDFSSVVA SCLGVOGL KGDVDDQMLSFMLNASK - YNPQFQEDS LSESLLRKKGKQFIAKPSI QKRS - KRPDKAISKKCANKD

17567049.w -RRNCIDEITYKVLLADEFRRQSFNIAACGG
 17568755.w GNYVVKNPQRDVNFKECGHNSAVNVAGG
 17551008.w GHPIPSRSDIGFLGCBEHSVNHHVGG
 17569547.w EDYQPHRCVCESSLVGMKCN
 17567285.w GNQLPGHQDGIdySRSCHOVSINHIC
 17570593.w GNEMLPGRFDFYDTHCTHSINHIC
 19074998.y GSHIPPEVGKSVSCTLMWNSINTHIC
 22024280.f TDKFRYDYSNLWLILKVDRK
 18420990.p ILPEDK
 34860781.m GLPEDK
 34860721.m GLPEDK
 6325363.y -SAFHINQTDLNTTVECAPEIDSS
 38075255.m GLPEDK
 31560052.m GLPEDK
 15079100.v IYQDPDKKAHNGTLYKSRDASHC
 31201233.i KHRPFCDMQDRAHDGLPESRDAHIC
 19922076.f YEDHYEKKCOTDGSNS
 9632147.v PPNFVSVLSKSKINMSKGSVNS
 31241399.i QFKPDRKKHNGTLYKSRDASHC
 24650417.f FKDPKMMNGTLYKSRDASHC
 21357047.f FKDPKMMNGTLYKSRDASHC
 17533529.w VDKPKKRAHNGTLCIFPSIDAHIC
 VRK3.h KHVAYVEGSRspHEGDLFESIDMHLHCC
 34856035.m KHVAYKEGSR1HDGDLFESIDMHLHCC
 19527166.m KHVAYKEGSR1HDGDLFESIDMHLHCC
 34879604.m NHQYHEDPRKGHNNGTLEFSIDAHIC
 21312468.m NHQYQEDPRKGHNNGTLEFSIDAHIC
 VRK2.h NHQYQENPKRgHNNGTLEFSIDAHIC
 6755985.m VHKEYKEPPKRCHGTCBPSIDAHIC
 34867737.m VHKEYKEPPKRCHGTCBPSIDAHIC
 VRK1.h VHKEYKEPPKRCHGTCBPSIDAHIC
 18640424.v GySHIDYNEYMTSONINYMCDVNHLGA
 20178566.v GDHSIDYNDMITSONIDNMCVNHLGA
 9791145.v NSHDIDYNDMITSGNINYMCDVNHLGA
 17975085.v THIDYDNEWMITSGNINYMCDVNHLGA
 22164595.v GYSHIDYNEWDITSONINYMCDVNHLGA
 9631470.v -INCKIVNNGT-KYLGILMHNGI
 9964511.v SNEQYKNCsNDGTEBPLTHIFG
 40556224.v EHRPFDRPKRgHNNGTLEFSIDAHIC
 9634882.v KHKEYTINPKNRHNGTLEFSIDAHIC
 9634896.v KHVKEYKESKNWRHGTLYYPSIDAHIC
 40556237.v KHIEYSQNQKGLRGTYYMGLSHNGA
 22164758.v EHVFIRNPkMnDGTLEFSIDAHIC
 18640412.v EHVFIRNPkMnDGTLEFSIDAHIC
 20178556.v EHVFIRNPkMnDGTLEFSIDAHIC
 17975077.v EHVFIRNPkMnDGTLEFSIDAHIC
 9791130.v EHVFIRNPkMnDGTLEFSIDAHIC
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 12085125.v IHVEFKKKDPRKMNGTLEFSIDAHIC
 38229300.v KHVPKKKDPKRMNGTLEFSIDAHIC
 15150578.v NHVEYKRDPKKmNGTLEFSIDMHIC
 21492589.v NHVEYKRDPKKmNGTLEFSIDMHIC
 96333949.v RVHRYKDRPKKmNGTLEFSIDMHIC
 18640223.v VHIQYKRDPKKmNGTLEFSIDMHIC
 96333778.v RHVLYKRDPKKmNGTLEFSIDMHIC
 15231321.v QHKEYVYDPRDmFRTYRMSAHAHIC
 30682888.P GLHVEYDPRDvFRGTYRMSAHAHIC
 83505033.q GLHVDYDPRDvFRGTYRMSAHAHIC
 27920015.q GHKEYVYDPRDvFRGTYRMSAHAHIC
 83530914.q GEHVEYDPRDvFRGTYRMSAHAHIC
 83550650.q GQHVDYDPRDvFRGTYRMSAHAHIC
 66750012.q GQHVDYDPRDvFRGTYRMSAHAHIC
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 15228670.P QHKEYVYDPRDvFRGTYRMSAHAHIC
 20160903.q GQHVDYDPRDvFRGTYRMSAHAHIC
 24581174.f ENRHPvFRGTYRMSAHAHIC
 19173049.y TFKHREPTDKSLGCTYRMSAHAHIC
 31212011.i SRSHIANRERGSLVGTYRMSAHAHIC
 17567045.w -GNHREVHNRByRGTYRMSAHAHIC
 7276233.y TKQHQPYRERKSLSGTARYMSINTHIC
 6324175.y TKQHQPYRERKSLSGTARYMSINTHIC
 6321927.y TKQHQPYRERKSLSGTARYMSINTHIC
 39945954.y SKQHQPYRERKSLSGTARYMSINTHIC
 32405422.y TKQHQPYRERKSLSGTARYMSINTHIC
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 19113490.y TKQHQPYRERKSLSGTARYMSINTHIC
 19112172.y TKQHQPYRERKSLSGTARYMSINTHIC
 19114828.y THVHMRPYNERKSLSGTARYMSINTHIC
 24641515.f TGQHQPYRERKSLSGTARYMSAHAHIC
 24584859.f SEIHIPYRERKSLSGTARYMSAHAHIC

21356943.f TQKHIGYTERNDLVGTYRYSVRAHYA EGSRRDDLESVYLLIYFORC RIPIWQGIRAQSCAQIYKTAEYKA EIPPLQQICSGLPVEFFMYIKYCRK LHDFA EKCDYVVLQQLFKVLF
 12408306.m TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEVLCENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 CKLg3.h TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEVLCENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 19527224.m TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEVLCESFPPEMATYRYVRR LDIF EKCDYDYLRLKFIDLF
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 CKLg2.h TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEVLCENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 11560119.m TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR STPIEACENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 27502357.m TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR NTPIEACENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 CKLg1.h TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR NTPIEACENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 17510861.w TGKHIAVREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR QTAVEVILCECPFPDEFAQYRYARR LDIF ETPDYDFCYNLFSVL
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 31231013.i TNKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEDVUCDGHPPFFAQYRYVRR LDIF ETPDYDHLRLRFQDLF
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 28571746.f TNRHIPPREHKSLIGTARYSISINTHIGR EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEDVUCDGHPPFFAQYRYVRR LDIF ETPDYDHLRLRFQDLF
 28571751.f TNRHIPPREHKSLIGTARYSISINTHIGR EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEDVUCDGHPPFFAQYRYVRR LDIF ETPDYDHLRLRFQDLF
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 24647391.f TNRHIPPREHKSLIGTARYSISINTHIGR EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEDVUCDGHPPFFAQYRYVRR LDIF ETPDYDHLRLRFQDLF
 22779897.m TKKHIPPREHKSLIGTARYSISINTHIGK EGSRRDDLEALHMMGYFLRC SIPWQOLKAADTLKEVQIGDTKR ATPIEDVUCENPDEMMTYRYVRR LDIF EKCDYDYLRLKFIDLF
 23508567.z SHTHIPPREHKSLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAISKDKVYDICEKKI STSVEVLCRNASVFTVITYNYCRS LRIF DRPDYTYLRLKFIDLF
 15236610.p SYRHIPPREHKSLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGNKKQVVDICESEKKV STSIEVLCGRGPPEFASYHYCRS LRIF DKPDYDYLRLKFIDLF
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 83504741.q dnc11kkcENKHLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKI ATSIEAACAGQSSGMSPIANNRRL SATE
 15236114.p THQHIPPREHKSLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV STSIEVLCGRGPPEFASYHYCRS LRIF DKPDYDYLRLKFIDLF
 30687111.p THQHIPPREHKSLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV STSIEVLCGRGPPEFASYHYCRS LRIF DKPDYDYLRLKFIDLF
 22327902.p THQHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV STSIEVLCGRGPPEFASYHYCRS LRIF DKPDYDYLRLKFIDLF
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 16418172.q THKHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKM LTPAEVILCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 30678728.p THRHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV ATPIEVLCKNQPFPEFVSYHYCRS LRIF DKPDYDYLRLKFIDLF
 15240091.p THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV STPIEVLCKNQPFPEFVSYHYCRS LRIF DKPDYDYLRLKFIDLF
 18417216.p THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKV STPIEVLCCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 15219733.p THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKR LTPVEVILCKNPPEFTSYFLYVRS LRIF DKPDYDYLRLKFIDLF
 15239840.p THRHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKR LTPVEVILCKSFPEFTSYFLYVRS LRIF DKPDYDYLRLKFIDLF
 15236471.p TQKHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKM LTSVETILCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 15229427.p THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKM LTPVEVILCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 83515437.q THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKM LTPVEVILCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 83513872.q THKHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAGTKKQVVDICESEKKM LTPVEVILCKSFPEFTSYHYCRS LRIF DKPDYDYLRLKFIDLF
 4965004.q TNRHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAATKKQVVDICESEKKL ATPIEVLCCKGPPEFASYHYCRS LRIF DRPDYDYLRLRFDLA
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 22329008.p TNRHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAATKKQVVDICESEKKM STPIEVILCKGPPEFASYHYCRS LRIF DRPDYDYLRLRFDLF
 6325052.y TNRHIPPREHKNLIGTARYSISINTHIGV EGSRRDDLESVYVIMYFLRC SIPWQOLKAATKKQVVDICESEKKM NVSVEVILCSCLPFPEFOEYMACCKN LRIF EKCDYDYLRLARLKFDSL
 19112552.y THLHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRCG SIPWQOLKAATKKQVVDICESEKKI STPIEVILCROGPFCFSIYNYCRS LRIF DRPDYDYLRLRFDLF
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 32566316.g -HQHIAVREHKNLIGTARYSISINTHIGI EGSRRDDIESVYVIMYFNRCG TIPWQOLKAATKKQVVDICESEKKM STRVDDICAGCYPEFAQYNYCRS LRIF EQPDYDYLRLRFTRLF
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 24651559.f SLKHIPPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC SIPWQOLKAANKKQVVDICESEKKL STSIVVILCKGPPEFVNYYNFCRQ MHD DRPDYDYLRLRFNLF
 31220773.i SMSHIPREHKNLIGTARYSISINTHIGI EGSRRDDLESVYVIMYFLRC TIPWQOLKAANKKQVVDICESEKKL STPVEVILCKGPPEFSLLYAYCRH MDII DRPDYDYLRLRFRLTF
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17544556.w GIVRKPRAGVLRCTRYNSLIDHARQ DLEKPKNDLWAFVTRTPECCDG YDPMSHEKGTENIKLQAIIGDKL CTKQPMVTTKAAEYIBS INYI SIPYEKKLLALMEECH
 17553168.w -GTVRNPPGLGLRCTRYNSLIDHARQ DLEKPKNDLWAFVTRTPECCDG CLPMSYKEKSBEENCIKOKO A HIGEKCLCIPKKKAAEYIEBS INYI SIPDYEKKLLALMEECH
 17554222.w -GAFRPBPYYASFRCTTRYNSLAAHERK EOGFADDINGLPSLLEELAEQ LIPWAKNWDQVHYHAQKLLRNQFQ SRKMGSQNGFTFPRALEL
 17536023.w -GSLRSERTYCGCFRTTRYNSYRVMHDKR EOGFVDDLNCLYNSCCEELC CLPWPRLDEADEMAHWKKLKHED RLPRA NTPYDFTKQFVYLAYCV
 17537925.w -GEWRTVFKAGFRCTTRYNSTRVRHRLR EOGTDTDMPSLNYTLLELLAEG ELPWPRLDENSDAIWKDKEBLHQG IDHFEHESSELEIFSLVLR
 17551966.w -GVCVCPMFINAGFKCTPYYSVVRVHEKL EOGTEWDAIASVNTTAXEVLVGC ELPWPRLDEDTIHBTHGKKLMNEVT LDPRM SELYTTLQASVKKLY
 17536327.w -GEWR EPLRAGFRCTTRYNSTRVRHRC EOGTSYDNLISVNTAYELLAG ELPWPRLDESEEVWVQKREMTENG KNGEMFKDIASTLVDPHKMLE
 17511017.w -GTRKRKORYLKGFRTTRYNSYRVMHDK EOGTVDDEFSMSANCAEELLV NLPWKVLSDDROTQKFDNFNTPNSP CDPV VELYVEKKLLCEKLKLY
 17505308.w TMRHRRAAKRTB9FGFCTTRYNCSTYAHDR EOGCRDDELLAVNIMSTVEMPFLG SLPWPNNEDKQVILVSKKKK INPE PFGDKSVLIDFFFQVSE
 17535171.w KKLKLRPENPKSMFKRTTRYCSLNHLK EOGCRHDDLLGALYAMETATS TLPWPXKGKKTETSALEK K KMDM KEPGYERLICBKIVLY
 17533701.w KKLKLRPENPKSMFKRTTRYCSLNHLK EOGCRHDDLLGALYAMETATS TLPWPXKGKPKKETSALEK K T LKRD STPDYQMLNRFQCMY
 17531773.w -KELRKPRPMKAAPFLRTYLYCISLNHORM EPGCRHDDFLSPLVYMMIEFLHLS DLPWPENMSKEDTAKKAETKL D TDVQ CGKCPKSFLEIATTLRK
 17509541.w GILRIRKPRPMKAAPFLRTYLYCISLNHORM EOGCRHDDFLSLEYMMIEFLHLS SLPWPXIMEEEKIVVAME D LTKYK TPYDPMKSFMEKLLKADL
 17558866.w GKKMRRPEKALKFRTTRYCSVAMHDFR EOGCRVDDLLALVHMYAELRC QLAWSDIDDKVWEIGEMKRI V GILARCPPEFMRMIRCYLT
 17554090.w GLKMKRPRPEKLYFRTTRYCSVAMHDFR EOGCRVDDLLALVHMYAELRC C RLAHDVWDKVEIGEMKRI I ADONPFAKSPICMLKFVIIKLV
 17534405.w K1MMRPRPERSLFRTTRYCSIRMHDR EOGCRVDDLLALVHMYAELRC SLPWPXSNQDVKVVGEMKRL H DEPVDFAKSPICMLKFVIIKLV
 17532569.w K1MMRPRPERSLFRTTRYCSIRMHDR EOGCRVDDLLSMVYHAEELRG PDPWPSSQSDKRVVGEEMKRL H LTYF HRPDYHIFLMLLISIM
 17563072.w KWMLRKPRDKAPFLRTYLYCSPRHNME EOGCRVDDLLSWVYHAEELRG FLPWPTDSTSRFKYGPFLKRLD E LASDFITTFPCIVLIVLRL
 17552350.w - RNSCLRATYFLPGRSLDPLRTYLYCSPRHNME EOGCRVDDLLSWVYHAEELRG GKA YRDPYDGMKPYEBAAKM
 32567098.w PEMKVPPDARPDSPSPRVFHQK DA - YFHSIHLIS AYMLFCTAE KLPWFGDARENMFKLQVFFPN D PLNLYLDCGACDFVPLWACFTI
 32565897.w EXVIRREBDACFRCTTRYNSPFRHRR QFDEFVPEFWRVYTMFLCTVEKLPWFGDANEMLRKEFFNDPLN MSKY LIFSVDMYQWS
 17508395.w KWQLRERPNPAQFRCTTRYCSLNHHKR EOGCRVDDLLALVHMYAELRC MASNFPTTADE E YLTD
 17509635.w KWQLRERPNPAQFRCTTRYCSLNHHKR EOGCRVDDLLALVHMYAELRC B EYV
 17552818.w TALRKARSGEOTFKRTTRYCSMWNHDKR EOGCRVDDLLALVHMYAELRC C LKED
 17510011.w KKKLRPMNRLPLRRTYLYCISLNHERR EOGCRDDELLAMINISIVYLTG L PWSNKEKEIMSMKKS T KDLAFLPDELPLKSKL
 17540116.w AFYARP1TKVqFRCISLNFSSNHLY EOGCRKDDLLSLEITLVDLN D RLPWPHGKDHIMILARCKMMEDTP LSYA DRPNYERKHYNLMAAI
 17538434.w TwsRArRGTeeFRCTTRYNSPWNHFRK EOGCRVDDLLALVHMYAELRC ELVX ELPWPSEWHPDREIFKLEKFLKFDAA
 17542716.w KWIAARRGTeeFRCTTRYNSPWNHFRK EOGCRVDDLLALVHMYAELRC ELVY ELPWPSSNPERIALKEHDHLINE-Y
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 17538450.w FEFTRTEKKVHSLVGT KYISPKAHAMA DLEGRDDFLSLAMYLELKV PLPWNELEAKMLENTKRSKSLKD
 17539510.w FEFTRTEKKVHSLVGT KYISPKAHAMA DLEGRDDFLSLAMYLELKV PLPWNELEAKMLENTKRSKSLKD
 17544082.w VDDELSLFLYMTAEELKK PLPWTMIEGENELLILKKNKKKNTTEL FDNDFLKVQTMIES
 17539334.w eeftFRRARPHPTDFRGTFOASPAHQLL EOGCRHDDFLSLMMVAAEFPV ELPWTGTCETEEVHKNOSTIILRLF SFSR LFPYNGLLFETFLLEV
 17510455.w gyKFKVAPRDFRGTFOASPAHQLL EOGCRHDDFLSLMMVAAEFPV ELPWTGTCETEEVHKNOSTIILRLF SKYV DSFNPYDVAVYQFFKDSM
 17539304.w -GSRHLLPWPQPSVCFPYAPLSSLGFL DOTADDEVEWYVIMHLLH_N_GLPWHNSKSLAKVREKMYCRRAG SDEKNPTRNADMRRLDEIYMSKA
 17538598.w -GSRHLLPWPQPSVCFPYAPLSSLGFC DOSADDEVEWYVIMHLLH_N_GLPWHNSKSLAKVREKMYCRRAG VMLNMPPCMCDIIHFRT
 17554808.w GKLIPPTAAALNGTFOYCAVSPHSHK DQCARDLLESWYMGCFELKK PLPWANIDGKHNK - GRTORFDLPGWSDVFDIILK
 17533901.w TQLRIPRNSVFLGFRCTTRYAFLATHYR DSCRKDDLETIYVFLVLLFG TLPWMMEIREEHVKHESKARITTG TSYO EYPDFTKHLNKVMSML
 17556285.w GTLKKPPSAHPKYYGCSHPRMAYSKV EFGSMEDLEMWYVMSVELVKG CLPWPALKKPKEVHDYQKLCRNGL QMREMLGGGLP
 17507113.w GTLKKPPSAHPKYYGCSHPRMAYSKV EFGSMEDLEMWYVMSVELVKG CLPWPALKKPKEVHDYQKLCRNGL LSFTD DTNPYDFTKHLNKVMSML
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 17505522.w -NKKLKSREGEVWRCTRYNSLQAHKRM DLEGRDDVECWYVMLLEMVLC ELPWPRLNDRSVPKREASRTNG YSEB IRPYDQKINLKEEAR
 17555064.w CHELRNKGSERVPFFGTRKFSRACHQEK DQCRKDDMETLYTIIIDLFHNEGLESLKLDK IPSCIDNIIIVYLRG
 17556943.w NGQVRPFRPKTMDYRTYCSRASHRE EOGCRDDELYSWEFMDLDTTIDLNDKLTDAYAKKOELFKLKTY LKFE DPVDRQIENEIERTAG
 17556941.w -GQVRPFRPKTMDYRTYCSRASHRE EOGCRDDELYSWEFMDLDTTIDLNDKLTDAYAKKOELFKLKTY EKEPMFKVISTYLD
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 17535985.w -GVHKVKKRKKVFKLCTPYCRACRACMMQ EOGCRKDDLETWYLVFDTLMDESGMPRCSKPEIILKCKNNEFTNFd SEVFGVLIYD
 17507911.w TKQRHARPKVFKLCTPYCRACRACMVE DQCRKDDLETWYVMDIDP_K NCVS - SSSVSATLRLKGLVSYVON
 17553166.w -KIISSPDLALTYPYUSSRAHETRQPM KaitTAMIESWYMLIDFLV VLPWPKNMVAUTLAAKTAFWNLNTE QLFFDGKAQDYAPISL
 17553158.w -PISPPDGUVLFLPFLLELDLVLCS S - IISPLPNSLIVIVIDLKL EPLPWNDRNNTVFLMGRS SSIE KIYIOLKHL
 175560712.w -NKLKTTPTVTRFKGTCFKLSCSCHKI EMGKDDCSESWFYVMLIDLVIPGLVWGRANKDTVKCLKEERAGKKE EPLSPY SEI SCKLVEB
 17537091.w -NELKTPPREAVGFKCTVFRFAELBACHRT ELMGERDDCSESWFYVLLIDLILPRLPWRKCMKGEVILKEEBCRKEKR DKLFLYGIKHA
 17538814.w -NELKTTPTVTRFKGTCFKLSCSCHKI EMGKDDCSESWFYVLLIDLILPRLPWRKCMKGEVILKEEBCRKEKR SELN KILLDI
 17534269.w EMKTRPESVKAACGTCFKLSCSCHKI EMGKDDCSESWFYVLLIDLILEGGDPLPKCK_VKNEVLUKIRENTRK NRAALYKGIPOTC
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 25144991.w EAEECQMRNATHYRQVVKYASVIAHICK NLGYKDDMESWWYVMEBFPLG ALPWALDNKSESDVILHLLKRITAP EFGVYDRAIDGQKLF
 17510391.w EAEECQMRNATHYRQVVKYASVIAHICK NLGYKDDMESWWYVMEBFPLG ALPWALDNKSESDVILHLLKRITAP mVASVWRTTETTA
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 17538560.w -GTTKPPNVAFYRGTQYAPLSSLGFL EOGCRDDELYSWEFMDLDTTIDLNDKLTDAYAKKOELFKLKTY AIAFLFLRAPCMBLREVMILL
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 17543206.w -GTTKRPQAAGFRCTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG TIPWQHISDMNOVQGKQKAIERNL MCKYV
 17539102.w -GTTKRPQAAGFRCTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG TIPWQHISDMNOVQGKQKAIERNL MCKYV
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 17534577.w -NVIYQPRKIKTFKTLDFAPIVSHELR EOGCRKDDLESWYVYMMVEMICLG K L WDRY ADIYADCYRUMQQT
 17562500.w -NVMLOQPRKAPYRKTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17538256.w EGRLRTPKAKSOFRTYAPLMSIPI EOGCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17540212.w GKDLRRAATTAPFRCTTRYVLAJLCTR DQCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17541946.w -GKDLRRAATTAPFRCTTRYVLAJLCTR DQCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17556390.w -KDLRTPRKECAFRTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17534577.w -NVIYQPRKIKTFKTLDFAPIVSHELR EOGCRKDDLESWYVYMMVEMICLG P WYIQC L WDRY ADIYADCYRUMQQT
 17562500.w -NVMLOQPRKAPYRKTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17538256.w EGRLRTPKAKSOFRTYAPLMSIPI DQCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17540212.w GKDLRRAATTAPFRCTTRYVLAJLCTR DQCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17541946.w -GKDLRRAATTAPFRCTTRYVLAJLCTR DQCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT
 17556390.w -KDLRTPRKECAFRTTRYVLAJLCTR EOGCRKDDLESWYVYMMVEMICLG L WDRY ADIYADCYRUMQQT